| 0 | For receiving Office use only | | | |
|---------|---|--|--|--|
| 0-1 | International Application No. | ļ · | | |
| 0-2 | International Filing Date | | | |
| 0-3 | Name of receiving Office and "PCT International Application" | | | |
| | IS PCT/DO/404 POT P | | | |
| 0-4 | Form - PCT/RO/101 PCT Request | | | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.10.2002) | | |
| 0-5 | Petition | | | |
| | The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | | | |
| 0-6 | Receiving Office (specified by the applicant) | European Patent Office (EPO) (RO/EP) | | |
| 0-7 | Applicant's or agent's file reference | AXP/PG4788 | | |
| ı | Title of invention | NOVEL COMPOUNDS | | |
| 11 | Applicant | | | |
| II-1 | This person is: | applicant only | | |
| 11-2 | Applicant for | all designated States except US | | |
| 11-4 | Name | GLAXO GROUP LIMITED | | |
| 11-5 | Address: | Glaxo Wellcome House | | |
| | | Berkeley Avenue | | |
| | | Greenford, Middlesex UB6 ONN | | |
| | | United Kingdom | | |
| II-6 | State of nationality | GB | | |
| 11-7 | State of residence | GB | | |
| 11-8 | Telephone No. | 020 8047 5000 | | |
| 11-9 | Facsimile No. | 020 8047 6894 | | |
| 111-1 | Applicant and/or inventor | | | |
| III-1-1 | This person is: | applicant and inventor | | |
| III-1-2 | Applicant for | US only | | |
| 111-1-4 | Name (LAST, First) | ANCLIFF, Rachael, Ann | | |
| 111-1-5 | Address: | GlaxoSmithKline | | |
| | | Gunnels Wood Road | | |
| | | Stevenage, Hertfordshire SG1 2NY | | |
| | | United Kingdom | | |
| III-1-6 | State of nationality | GB | | |
| 111-1-7 | State of residence | GB | | |

| III-2 | Applicant and/or inventor | | | |
|----------------------|---|----------------------------------|--|--|
| 111-2-1 | This person is: | | | |
| 111-2-1 | | applicant and inventor | | |
| 111-2-2 | Applicant for | US only | | |
| | Name (LAST, First) | COOK, Caroline, Mary | | |
| III-2-5 | Address: | GlaxoSmithKline | | |
| | | Gunnels Wood Road | | |
| | | Stevenage, Hertfordshire SG1 2NY | | |
| 111-2-6 | State of nationality | United Kingdom | | |
| 111-2-7 | State of residence | GB | | |
| 111-3 | Applicant and/or inventor | GB | | |
| III-3 III-3-1 | This person is: | | | |
| III-3-1 | Applicant for | applicant and inventor | | |
| | '' | US only | | |
| III-3-4 III-3-5 | Name (LAST, First) | ELDRED, Colin, David | | |
| 111-3-5 | Address: | GlaxoSmithKline | | |
| | | Gunnels Wood Road | | |
| | | Stevenage, Hertfordshire SG1 2NY | | |
| III-3-6 | State of nationality | United Kingdom | | |
| III-3-7 | State of nationality State of residence | GB | | |
| III-4 | | GB | | |
| III-4 -4-1 | Applicant and/or inventor | | | |
| III-4-1 III-4-2 | This person is: | applicant and inventor | | |
| | Applicant for | US only | | |
| 111-4-4 | Name (LAST, First) | GORE, Paul, Martin | | |
| III-4-5 | Address: | GlaxoSmithKline | | |
| | | Gunnels Wood Road | | |
| | | Stevenage, Hertfordshire SG1 2NY | | |
| III-4-6 | State of nationality | United Kingdom | | |
| 111-4-7 | State of residence | GB | | |
| 111-5 | | GB | | |
| и- 5 Ш-5-1 | Applicant and/or inventor | | | |
| | This person is: | applicant and inventor | | |
| III-5-2 | Applicant for | US only | | |
| III-5-4 | Name (LAST, First) | HARRISON, Lee, Andrew | | |
| III-5-5 | Address: | GlaxoSmithKline | | |
| | | Gunnels Wood Road | | |
| | | Stevenage, Hertfordshire SG1 2NY | | |
| III-5-6 | State of nationality | United Kingdom | | |
| | State of nationality | GB | | |
| 111-5-7 | | GB | | |

| III-6 | Applicant and/or inventor | | |
|----------------------|---------------------------|----------------------------------|--|
| III-6-1 | This person is: | applicant and inventor | |
| 111-6-2 | Applicant for | US only | |
| 111-6-4 | Name (LAST, First) | HAYES, Martin, Alistair | |
| III-6- 5 | Address: | GlaxoSmithKline | |
| | | Gunnels Wood Road | |
| | | Stevenage, Hertfordshire SG1 2NY | |
| | | United Kingdom | |
| 111-6-6 | State of nationality | GB | |
| 111-6-7 | State of residence | GB | |
| 111-7 | Applicant and/or inventor | | |
| 111-7-1 | This person is: | applicant and inventor | |
| 111-7-2 | Applicant for | US only | |
| 111-7-4 | Name (LAST, First) | HODGSON, Simon, Teanby | |
| 111-7-5 | Address: | GlaxoSmithKline | |
| | | Gunnels Wood Road | |
| | | Stevenage, Hertfordshire SG1 2NY | |
| | | United Kingdom | |
| 111-7-6 | State of nationality | GB | |
| 111-7-7 | State of residence | GB | |
| 111-8 | Applicant and/or inventor | | |
| III-8-1 | This person is: | applicant and inventor | |
| 111-8-2 | Applicant for | US only | |
| 111-8-4 | Name (LAST, First) | JUDD, Duncan, Bruce | |
| III-8-5 | Address: | GlaxoSmithKline | |
| | | Gunnels Wood Road | |
| | | Stevenage, Hertfordshire SG1 2NY | |
| | | United Kingdom | |
| III-8-6 | State of nationality | GB | |
| III-8-7 | State of residence | GB | |
| 111-9 | Applicant and/or inventor | | |
| III-9-1 | This person is: | applicant and inventor | |
| III-9-2 | Applicant for | US only | |
| 111-9-4 | Name (LAST, First) | KEELING, Suzanne, Elaine | |
| III- 9- 5 | Address: | GlaxoSmithKline | |
| | | Gunnels Wood Road | |
| | | Stevenage, Hertfordshire SG1 2NY | |
| III-9-6 | State of nationality | United Kingdom | |
| III-9-7 | State of residence | GB | |
| 111-3-7 | Otato of residence | GB | |

| III-10 | Applicant and/or Inventor | T T | | |
|--|--|---|--|--|
| III-10-1 | This person is: | applicant and inventor | | |
| III-10-2 | Applicant for | US only | | |
| III-10-4 | Name (LAST, First) | LEWELL, Xiao, Qing | | |
| III-10-5 | Address: | GlaxoSmithKline | | |
| | | Gunnels Wood Road | | |
| | | Stevenage, Hertfordshire SG1 2NY | | |
| | | United Kingdom | | |
| III-10-6 | State of nationality | GB | | |
| III-10-7 | State of residence | GB | | |
| 111-11 | Applicant and/or inventor | | | |
| 111-11-1 | This person is: | applicant and inventor | | |
| III-11-2 | Applicant for | US only | | |
| III-11-4 | Name (LAST, First) | MILLS, Gail | | |
| III-11-5 | Address: | GlaxoSmithKline | | |
| | | Gunnels Wood Road | | |
| | | Stevenage, Hertfordshire SG1 2NY | | |
| | | United Kingdom | | |
| III-11-6 | State of nationality | GB | | |
| | State of residence | GB | | |
| 111-12 | Applicant and/or inventor | | | |
| | | | | |
| III-12-1 | This person is: | applicant and inventor | | |
| | This person is: Applicant for | applicant and inventor US only | | |
| III-12-2 | · · | | | |
| III-12-2 III-12-4 | Applicant for | US only | | |
| III-12-2 III-12-4 | Applicant for Name (LAST, First) | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road | | |
| III-12-2 III-12-4 | Applicant for Name (LAST, First) | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY | | |
| III-12-2 III-12-4 III-12-5 | Applicant for Name (LAST, First) Address: | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom | | |
| III-12-2 III-12-4 III-12-5 | Applicant for Name (LAST, First) Address: State of nationality | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 | Applicant for Name (LAST, First) Address: State of nationality State of residence | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 III-13 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or Inventor | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 III-13 III-13-1 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 III-13-1 III-13-2 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor US only | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 III-13 III-13-1 III-13-2 III-13-4 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor US only SWANSON, Stephen | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 III-13 III-13-1 III-13-2 III-13-4 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor US only SWANSON, Stephen GlaxoSmithKline | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 III-13 III-13-1 III-13-2 III-13-4 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor US only SWANSON, Stephen GlaxoSmithKline Gunnels Wood Road | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-12-7 III-13 III-13-1 III-13-2 III-13-4 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor US only SWANSON, Stephen GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-13-7 III-13-1 III-13-2 III-13-4 III-13-5 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) Address: | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor US only SWANSON, Stephen GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom | | |
| III-12-2 III-12-4 III-12-5 III-12-6 III-13-7 III-13-1 III-13-2 III-13-4 III-13-5 | Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) Address: | US only ROBERTSON, Graeme, Michael GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY United Kingdom GB GB applicant and inventor US only SWANSON, Stephen GlaxoSmithKline Gunnels Wood Road Stevenage, Hertfordshire SG1 2NY | | |

| III-14 | Applicant and/or inventor | | |
|-------------------|--|----------------------------------|--|
| 111-14-1 | This person is: | | |
| | į · | applicant and inventor | |
| III-14-2 | •••• | US only | |
| III-14-4 | , | WALKER, Andrew, John | |
| III-14-5 | Address: | GlaxoSmithKline | |
| | | Gunnels Wood Road | |
| | | Stevenage, Hertfordshire SG1 2NY | |
| | | United Kingdom | |
| III-14-6 | State of nationality | GB | |
| III-14 - 7 | State of residence | GB | |
| III-15 | Applicant and/or inventor | | |
| III-15-1 | This person is: | applicant and inventor | |
| III-15-2 | Applicant for | US only | |
| III-15-4 | Name (LAST, First) | WILKINSON, Mark | |
| III-15-5 | Address: | GlaxoSmithKline | |
| | | Gunnels Wood Road | |
| | | Stevenage, Hertfordshire SG1 2NY | |
| | | United Kingdom | |
| III-15-6 | State of nationality | GB | |
| III-15-7 | State of residence | GB | |
| IV-1 | Agent or common representative; or | | |
| | address for correspondence | | |
| | The person identified below is hereby/has been appointed to act on | agent | |
| | behalf of the applicant(s) before the | | |
| | competent International Authorities as: | | |
| IV-1-1 | Name (LAST, First) | GIDDINGS, Peter, John | |
| IV-1-2 | Address: | GlaxoSmithKline | |
| | | Corporate Intellectual Property | |
| | | (CN925.1) | |
| | | 980 Great West Road | |
| | | Brentford, Middlesex TW8 9GS | |
| | | United Kingdom | |
| IV-1-3 | Telephone No. | 020 8047 5000 | |
| IV-1-4 | Facsimile No. | 020 8047 6894 | |

| V | Designation of States | |
|--------|---|---|
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT |
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW |
| V-5 | Precautionary Designation Statement | |
| | In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 28 March 2002 (28.03.2002) |
| VI-1-2 | Number | 0207443.3 |
| VI-1-3 | Country | GB |
| VII-1 | International Searching Authority Chosen | European Patent Office (EPO) (ISA/EP) |

PCT REQUEST

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AXP/PG4788

| VIII | Declarations | Number of declarations | T |
|--------|--|----------------------------|-----------------------------|
| VIII-1 | Declaration as to the identity of the inventor | | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | _ | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | _ | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - | |
| IX | Check list | number of sheets | electronic file(s) attached |
| IX-1 | Request (including declaration sheets) | 7 | |
| IX-2 | Description | 78 | _ |
| IX-3 | Claims | 10 | _ |
| IX-4 | Abstract | 1 | EZABSTOO.TXT |
| IX-5 | Drawings | 0 | - |
| IX-7 | TOTAL | 96 | |
| | Accompanying items | paper document(s) attached | electronic file(s) attached |
| IX-8 | Fee calculation sheet | - | - |
| IX-17 | PCT-EASY diskette | _ | Diskette |
| IX-19 | Figure of the drawings which should accompany the abstract | | |
| IX-20 | Language of filing of the international application | English | |
| X-1 | Signature of applicant, agent or common representative | | |
| X-1-1 | Name (LAST, First) | GIDDINGS Peter, Joh | n |

FOR RECEIVING OFFICE USE ONLY

| 10-1 | Date of actual receipt of the purported international application | |
|--------|---|--------|
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/EP |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

FOR INTERNATIONAL BUREAU USE ONLY

| 11-1 | Date of receipt of the record copy by | |
|------|---------------------------------------|--|
| | the International Bureau | |

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(This sheet is not part of and does not count as a sheet of the international application)

| 0 | For receiving Office use only | T | | |
|-------------|---|----------------------------------|---------------------|--------------|
| 0-1 | International Application No. | | | |
| 0-2 | Date stamp of the receiving Office | | | |
| 0-4 | Form - PCT/RO/101 (Annex) | 1 | | |
| 0-4-1 | PCT Fee Calculation Sheet Prepared using | DOM ENCY Vone | : 0 00 | |
| • | l repaire asmig | PCT-EASY Vers: (updated 01.10 | | |
| 0-9 | Applicant's or agent's file reference | AXP/PG4788 | 0.2002) | |
| 2 | Applicant | GLAXO GROUP LI | TMIMED at al | |
| 12 | Calculation of prescribed fees | fee amount/multiplier | Total amounts (EUR) | |
| 12-1 | Transmittal fee T | □ □ □ □ | 100 | |
| 12-2-1 | Search fee S | ⇨ | 945 | <u> </u> |
| 12-2-2 | International search to be carried out by | EP | | |
| 12-3 | International fee | | | |
| | Basic fee | | | |
| | (first 30 sheets) b1 | 444 | | . · |
| 12-4 | Remaining sheets | 66 | | |
| 12-5 | Additional amount (X) | 10 | | |
| 12-6 | Total additional amount b2 | 660 | | |
| 12-7 | b1 + b2 = B | 1,104 | | |
| 12-8 | Designation fees | | | |
| | Number of designations contained in international application | 95 | | |
| 12-9 | Number of designation fees payable (maximum 5) | 5 | | |
| 12-10 | Amount of designation fee (X) | 96 | | |
| 12-11 | Total designation fees D | 480 | | |
| 12-12 | PCT-EASY fee reduction R | -137 | | |
| 12-13 | Total International fee (B+D-R) | B | 1,447 | |
| 12-17 | TOTAL FEES PAYABLE (T+S+I+P) | 1) | 2,492 | |
| 12-19 | Mode of payment | authorization | | |
| 12-20 | Deposit account instructions | auchorization | to charge dep | osit account |
| | The receiving Office: | European Paten | it Office (EPO |) (RO/EP) |
| 12-20- 1 | Authorization to charge the total fees indicated above. | ✓ | | |
| 12-20- 2 | Authorization to charge any deficiency or credit any overpayment in the total fees indicated above. | ✓ | | |
| 12-20- 3 | Authorization to charge the fee for priority document. | ✓ | | |
| 12-21 | Deposit account No. | 28050185 | | |
| 12-22 | Date | 24 March (2003 | (24.03.2003) | |
| 12-23 | Name and signature | GIDDINGS, Pete | er, John | |

PCT (ANNEX - FEE CALCULATION SHEET)
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VALIDATION LOG AND REMARKS

| 13-2-7 | Validation messages Contents | Yellow! The power of attorney or a copy of the general power of attorney will need to be furnished unless all applicants sign the request form. |
|--------|---------------------------------|--|
| | | Green? |
| | | The international application contains no drawings. Please verify. |
| | | Green? |
| | | Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed) |
| 13-2-9 | Validation messages Payment | Green? |
| | | Please ensure that you have a valid |
| | | deposit account with the receiving Office selected. |